

Title (en)
Switch-based microchannel planar apparatus.

Title (de)
Flaches schalterbasiertes Mikrokanalgerät.

Title (fr)
Dispositif plan de microcanal utilisant des commutateurs.

Publication
EP 0588025 A2 19940323 (EN)

Application
EP 93111755 A 19930722

Priority
US 94620492 A 19920917

Abstract (en)
Disclosed is a modularly expandable switch-based planar apparatus for inserting multiple bus-based processor cards and/or expansion cards and interconnecting the said cards via a multi-stage switch network which resides on the invention planar. The switching network is built into the planar. The cards require no modification or change of any kind, since the connection to the planar is made as if the planar contained the standard MicroChannel interconnection. However, the disclosed planar implements bus converter units to convert the standard bus interface provided by the cards to the switch network interface, so that functions provided by the cards can communicate in parallel over the switch network. <IMAGE>

IPC 1-7
G06F 13/40

IPC 8 full level
G06F 13/14 (2006.01); **G06F 13/40** (2006.01); **G06F 15/173** (2006.01); **G06F 15/80** (2006.01); **H04L 1/00** (2006.01); **H04L 7/033** (2006.01); **H04L 12/18** (2006.01); **H04L 12/56** (2006.01); **H04Q 11/00** (2006.01); **H04Q 11/04** (2006.01); **G06F 11/26** (2006.01); **H04L 29/06** (2006.01)

CPC (source: EP US)
G06F 13/4022 (2013.01 - EP US); **G06F 15/17337** (2013.01 - EP US); **G06F 15/17375** (2013.01 - EP US); **G06F 15/17393** (2013.01 - EP US); **H04L 1/0057** (2013.01 - EP US); **H04L 7/0338** (2013.01 - EP US); **H04L 12/18** (2013.01 - EP US); **H04L 49/256** (2013.01 - EP US); **H04L 49/3081** (2013.01 - EP US); **H04Q 11/0001** (2013.01 - EP US); **H04Q 11/0478** (2013.01 - EP US); **G06F 11/261** (2013.01 - EP US); **H04J 2203/0005** (2013.01 - EP US); **H04L 12/1881** (2013.01 - EP US); **H04L 49/40** (2013.01 - EP US); **H04L 69/08** (2013.01 - EP US); **H04L 69/18** (2013.01 - EP US); **H04Q 11/0066** (2013.01 - EP US)

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0588025 A2 19940323; **EP 0588025 A3 19940907**; CA 2100235 A1 19940318; CA 2100235 C 19981124; JP H06203000 A 19940722; US 5495474 A 19960227

DOCDB simple family (application)
EP 93111755 A 19930722; CA 2100235 A 19930709; JP 20337493 A 19930817; US 94620492 A 19920917